

Work Order ID 84553

84553

Page 1

May-16-12 9:16:11 AM

Item ID: D212-580-041 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Cargo Mirror Assembly, 8 inch Round
 Start Date: 5/16/12 Start Qty: 1.00 *1* Cust Item ID:
 Required Date: 5/16/12 Req'd Qty: 1.00 *1* Customer:
 Reference: rework ECN10-611

Approvals: Process Plan: Date: Tooling: Date: Run Start *NR1*
 QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr								
D2161	B2								
IIN-D212-580-1	A								

100
 100
 DC
 Document Control

DOCUMENT CONTROL

Memo
 Photocopy bluefile and create labels as per PPP D212-580-041 CHG004

0.00

0.00

SP

5/26/05

ML5 12-6-4
 (Label only)

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84553

Page 2

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Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160	Pick Kit	0.00							
160									
Packaging	Memo	0.00							
Packaging	PULL FROM HK TO UPDATE TO CHG004: 1 X D212-580-041 B39946								
	REMOVE 2 X D2011-103 B <u>37438</u> 4 X CCR264SS3-2 B <u>106577</u> 2 X MS21059L3 B <u>106042</u> RETURN TO STK								
	ADD TO EACH KIT: 2 X D3439-101 B <u>73802</u> 4 X D4164-041 B <u>80732</u> 8 X MS20426AD3-4 B <u>110398</u>								
170	QC4- 100% Inspect kits for completeness	0.00							
170									
QC	Memo	0.00							
Quality Control									

12/6/48

8/2/00/05

Work Order ID 84553

84553

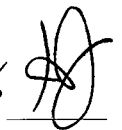
Page 3

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Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
180		0.00							
180	Packaging								
Packaging	Memo	0.00							
Packaging	REPACKAGE PER PPP USING NEW B/N NEW LABELS AND PAPERWORK REQ'D								
	Identify and pack for shipping as per PPP D212--580- 041 Location: <u>41</u> PPP Rev: <u>H</u>								
190	QC21- Final Inspection - Work Order Release	0.00							
190									
QC	Memo	0.00							
Quality Control									

12/6/8 
 W 120607

Picklist Print

May-16-12 11:08:54 AM

Page 1

Work Order ID: 84553

Parent Item: D212-580-041

Parent Item Name: Cargo Mirror Assembly, 8 inch Round

Start Date: 5/16/12

Required Date: 5/16/12

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:H Removed D2013-3/-4 06-03-22 JLM
 IPP REV:I AS PER ECN10-611 10-09-07 JLM VERIFIED
 BY:DD
 642 DD VERF:JLM

IPP rev:J 10.11.22 AS PER ECN10-

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
CCR264SS3-2 Rivet, Cherry		Purchased	No				Each	202.0000		-4		M1065788	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST331		202							
				106578		100							
				108738		2							
				112314		100							
D2011-103 8" Mirror		Manufactured	No				Each	62.0000		-2		B374388	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST183		62							
				43342		18							
				58399		41							
				64261		3							
D212-580-041 Cargo Mirror Assembly, 8 inch Round		Manufactured	No				Each	8.0000				B39946	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				FG041		8							
				80572		4							
				82781		4							
D3439-101 Mirror Assembly 8"		Manufactured	No				Each	10.0000		2		12/6/25	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST227		7							
				82773		7							
				ST232		3							
				73801		3							

Picklist Print

May-16-12 11:08:54 AM

Page 2

Work Order ID: 84553

Parent Item: D212-580-041

Parent Item Name: Cargo Mirror Assembly, 8 inch Round

Start Date: 5/16/12

Required Date: 5/16/12

Start Qty: 1.00

Required Qty: 1.00

D4164-041 Manufactured No
Nut Plate Adapter Assembly

Each 76.0000

4

Location Loc Qty Loc Code

ST133 40

83422 40

ST135 36

82782 36

MS20426AD3-4 Purchased No
RIVET

Each 3,072.0000

8

Location Loc Qty Loc Code

ST316 3072

104374 406

110398 2666

MS21059L3 Purchased No
Nut Plate

Each 348.0000

-2

Location Loc Qty Loc Code

302 100

121185 100

ST301 28

118614 8

119546 20

ST302 220

120308 13

120833 1

121011 6

121444 100

121524 100

1105042 12/6/12

4.0 PARTS LIST

Qty 562 -041	Qty 563 -041	Qty 580 -041	Part Number	Description
X			D204-562-041	DUAL MIRROR INSTALLATION
	X		D205-563-041	DUAL MIRROR INSTALLATION
		X	D212-580-041	DUAL MIRROR INSTALLATION
2	2	2	D3439-101	MIRROR (WAS D2011-103)
1			D2161-204	MIRROR BRACKET
	1		D2161-205	MIRROR BRACKET
		1	D2161-212	MIRROR BRACKET
*2	*2	*2	D3015-3	LOCKNUT
*2	*2	*2	AN960JD516	WASHER
		8	MS20426AD3-4	RIVET, COUNTERSUNK
		4	D4164-041	NUT PLATE ASSEMBLY
4	4	4	MS27039-1-08	SCREW

* PARTS ARE INCLUDED WITH D3439-101 MIRROR

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Revision: **A**
Date: 10.07.20

Change Record

Part Number D212-580-041
Description 212 Mirror

Page 1 of 1[illegible]

ENGINEERING CHANGE NOTICE DART AEROSPACE LTD

Date: 10.08.26	Job No.: 2010034	ADR Yes/No: NO	ADR Date:	ECN #: 10- 611
Product No.: D212-580	Created By: KB	Approved By: <i>[Signature]</i>		
Product Name: Dual Cargo Mirror and LED Pulse Light Kit	Checked By: DS	General Manager Approval: NA		

Distribution	Reqd	Resp	Initial / Date
Production Manager / Coord.	Y	LL	<i>MF 10-9-1</i>
Purchasing Coord.	N		
Production Engineering Coord.	Y	JL	<i>JL 10-09-14</i>

Distribution	Reqd	Resp	Initial / Date
DQA / QA Coord.	N		
QC Coordinator	N		
Customer Technical Support	Y	DS	<i>DS 10-09-14</i>
Marketing	Y	SW	<i>SW 10-09-14</i>
Customer Order Processing	N		

Reason for Change:
Release new D212-580-043 Pulse Light Kit

Documents Affected:
 DR-212-580 Rev. H
 MDL-D212-580 Rev. D
 ICA-D212-580 Rev. 2
 IIN-D212-580 Rev. D
 IIN-D212-580-1 Rev. A
 IIN-D212-580-2 Rev. A
 D4078 Rev. B, D4079 Rev. B, D4081 Rev. A, D4164 Rev. A
 D212-580-901 Rev. A, D212-580-903 Rev. A
 SH92-16 Issue 4

PARTS MUST COMPLY ☒ PREVIOUS PARTS SATISFACTORY ☐

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Eurocopter France	N			
3					

#	Engineering Actions	Reqd	Resp	Notes	Complete
4	Required Documents/Drawings Under Review	N			
5	Update Master Document List (MDL)	Y	KB	MDL-D212-580 Rev. D	10.08.13 <i>[initials]</i>
6	Update Product Compatibility Matrix	N			
7	Create Eurocopter Form (FEE)	N			
8	Notify TC / FAA of Change	N			
9					

#	Document Control Actions	Reqd	Resp	Notes	Complete
10	Move Electronic Files	Y	KJ		10.09.15 <i>[initials]</i>
11	Update Blue/Pink/DSI Folder and Electronic Files	Y	KJ		10.09.07 <i>[initials]</i>
12	Update Approved/Preliminary PDF Files	Y	KJ		10.09.07 <i>[initials]</i>
13	Update Document Record (DR)	Y	KB	DR-D212-580 Rev. H	10.08.13 <i>[initials]</i>
14	Update Product Development Summary	Y	MP		
15	Update QSI 021 and/or STC Approval List	Y	KJ		10.09.07 <i>[initials]</i>
16	Update Parts / STC Database	Y	KJ		10.09.07 <i>[initials]</i>
17	Update / Verify ARC Database	Y	KJ		10.09.07 <i>[initials]</i>
18	Create / Update Change Record Form / Item Card Database	Y	KJ	See Below	10.09.07 <i>[initials]</i>
19	Create / Update PPP's	Y	KJ		10.09.07 <i>[initials]</i>
20	Update Document Control Database / Laminated Dwgs	Y	KJ		
21	Update Grey Project / Electronic Binder PDF Files	Y	KJ	Add ADR + All Engineering Documents	10.09.07 <i>[initials]</i>
22	Update D-Part/M-Drawing/DSI/DEO Master Binders	Y	KJ		10.09.07 <i>[initials]</i>
23					
24					

Description / Action:
 D212-580-041
 D205-563-041
 D204-562-041
 } Now at CHG 004 with change to D3439-101 Mirror (*update kits in stock to CHG 004*)
 D212-580-043 will be at CHG 001
 Update BOM + Routings for D212-580-041 / D205-563-041 / D204-562-041 based on IIN-D212-580-1.
 Ensure routings created for all parts on D4078 / D4079 / D4081 / D4164 and that routings reflect latest dwg revision.
 Create / verify BOM + routings for D212-580-043 per IIN-D212-580-2.
 Put small QTY of D212-580-043 in stock.

ECN Verified & Complete: *[Signature]*

Date: 10/9/15

Kim Johnston

From: David Shepherd [dshepherd@dartaero.com]
Sent: Friday, September 03, 2010 5:17 PM
To: 'Bill Beckett'
Cc: 'Kevin Barton'; 'Sian Willems'; 'Mike Petsche'; 'Kim Johnston'; 'MO'; 'Spyke Whiting'; 'Peggy McDonald'; 'Heather Mahon'; 'Robbin Fraser'; 'Jennifer Renwick'; 'Holly Menard'; 'Shirley Hay'; 'Lucie Lamoureux'; 'Carrie Pearson'; 'Steve Joseph'; 'Washecka, Ed'; 'Jeff Shapiro'; llacelle@dartaero.com; 'Dan Stow'; 'Marc Bellavance'
Subject: Canadian STC SH92-16 Updated to include D212-580-043 Pulse Light Kit
Attachments: SH92-16 Issue 4.pdf; IIN-D212-580RevD.pdf; IIN-D212-580-1RevA.pdf; IIN-D212-580-2RevA.pdf



SH92-16 Issue 4.pdf (187 KB) IIN-D212-580RevD.pdf (114 KB) IIN-D212-580-1RevA.pdf (429 KB) IIN-D212-580-2RevA.pdf (736 KB).

Bill,

Canadian STC SH92-16 has been updated to add D212-580-043 Pulse Light Kit and re-position D212-580-041 Mirror Kit for better viewing. See attached.

DHS,

I have attached the new installation documents for reference, but I am sure Sian will follow up with pricing, lead time, and marketing information in the near future. We need to send PHI a copy of IIN-D212-580 Rev. D and IIN-D212-580-1 Rev. A so they can re-position the mirrors they have for better viewing as requested.

Kim,

A binder of approved documentation is on its way to Hawkesbury for you to process complete with ECN. Please prepare applications to have FAA and EASA STC's updated to include Pulse Lights.

Linda,

Although the mirror arms do not change, the mirrors and some of the hardware for the D212-580-041, D205-563-041, and D204-562-041 mirrors in stock should be updated to CHG 004 configuration per IIN-D212-580-1 and receive new paperwork.

David